

MCDONNELL DOUGLAS

McDonnell Aircraft Company

28 Sept 90

REGISTERED MAIL

RECEIVED

OCT 03 1990

PERMIT SECTION

U.S. Environmental Protection Agency, Region VII
Permits Section
Waste Management Division
726 Minnesota Avenue
Kansas City, KS 66101

Missouri Department of Natural Resources
Permits Section
Waste Management Program
Division of Environmental Quality
P.O. Box 176
Jefferson City, MO 65102

- Attach: (1) Modified Notification of Hazardous Waste Activity,
McDonnell Aircraft Co., Tract I.
- (2) Revised Tables, Waste Analysis Plan, Final Hazardous Waste
Storage Permit, McDonnell Aircraft Co., Tract I.

1. Because of the new TCLP test at 40 CFR 261.24, several hazardous wastes stored at McDonnell Aircraft's permitted Tract I storage facility will have a new TCLP waste code in addition to previous waste code(s). We are submitting a Class I permit modification request, as required by the 40 CFR 270.42 federal rule. We request that EPA provide its most recent facility mailing list, maintained under 40 CFR 124.10(c)(ix), so that we can make the required public notifications within 90 days.

2. Missouri has not yet incorporated the TCLP test into its rules. Since the TCLP definition was promulgated under HSWA, it is our understanding that EPA will implement the TCLP rule until the state is authorized to do so. It is also our understanding from the March 29, 1990 preamble to the TCLP rule (55 FR 11848) that permit modifications needed to comply with the TCLP rule are governed by federal permit rules.

3. The tables in our revised waste analysis plan incorporate the TCLP test, but also retain the EP toxic test, which is still part of Missouri rules. If you have questions about our modification request, please contact me at (314) 232-3319.

Joseph Haake

Joseph Haake, Section Manager
MCAIR Environmental Compliance
Mail Stop 0801800



R00148172
RCRA RECORDS CENTER

ID - FOR OFFICIAL USE ONLY

C
WT/A
C
1

X. DESCRIPTION OF HAZARDOUS WASTE

A. Wastes from Nonspecific Sources (F-List). Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Below each number, enter monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.	F 0 0 1	F 0 0 2	F 0 0 3	F 0 0 6
AMOUNT AND FREQUENCY	3800 lbs. A	8300 lbs. A	25,000 lbs. A	200,000 lbs. A

B. Wastes from Specific Sources (K-List). Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.				
AMOUNT AND FREQUENCY				

C. Commercial Chemical Product Wastes (W and P Lists). Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be hazardous waste. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.	U 1 2 2	U 1 8 8	U 2 2 3	U 2 2 6
AMOUNT AND FREQUENCY	10 lbs. B	10 lbs. B	10 lbs. B	10 lbs. B

D. (Reserved)

E. Characteristics of Nonlisted Hazardous Wastes. Mark an 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24) Below each box that you check, enter the monthly generation amount expressed in pounds and generation frequency code A, B, or C.

AMOUNT AND FREQUENCY	X	1. IGNITABLE (D001)	X	2. CORROSIVE (D002)	X	3. REACTIVE (D003)	
	30,000 lbs. B	6000 lbs. A	1000 lbs. A				
AMOUNT AND FREQUENCY	X	4. TOXIC Enter the four-digit number which identifies each characteristic toxic waste. Below each number, enter the monthly generation amount and frequency.					
	D 0 0 6	D 0 0 7	D 0 0 9	D 0 0 2	10 lbs. B	90,000 lbs. A	10 lbs. B

MISSOURI REQUIRED INFORMATION

MISSOURI GENERATOR ID NUMBER (IF PREVIOUSLY ASSIGNED) 01001

PRINCIPAL BUSINESS ACTIVITY Military Aircraft Manufacturing

S.I.C. CODE (LEAVE BLANK IF UNCERTAIN) 3721

CHECK THIS BOX IF YOU GENERATE/ACCUMULATE LESS THAN A REPORTABLE QUANTITY ☐

XI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE	NAME AND OFFICIAL TITLE (TYPE OR PRINT)	DATE
<i>Robert H. Kaatman</i>	Robert H. Kaatman, Mgr.	26 Sep 90



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT PROGRAM
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

SEND TO

MISSOURI DEPARTMENT OF NATURAL RESOURCES, WASTE MANAGEMENT PROGRAM
P.O. BOX 176, JEFFERSON CITY, MO 65102

FOR OFFICIAL USE ONLY

COMMENTS

C
C

INSTALLATION'S EPA ID NUMBER

APPROVED

DATE RECEIVED
YR. MO. DAY

C
F

T/A :C
1

I. NAME OF INSTALLATION

M C D O N N E L L A I R C R A F T C O T R A C T I

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX NUMBER

C
3

P O B O X 5 1 6 M C O 8 0 1 8 0 0

CITY OR TOWN

STATE

ZIP CODE

C
4

S T L O U I S

M O

6 3 1 6 6

III. LOCATION OF INSTALLATION

STREET AND NUMBER

C
5

M C D O N N E L L A N D L I N D B E R G H B L V D

CITY OR TOWN

STATE

ZIP CODE

C
6

H A Z E L W O O D

M O

6 3 0 4 2

IV. INSTALLATION CONTACT

NAME AND TITLE (LAST, FIRST, AND JOB TITLE)

TELEPHONE NUMBER

C
2

H A A K E J O S E P H S E C M G R 3 1 4 2 3 2 3 3 1 9

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

B. TYPE OF OWNERSHIP (ENTER CODE)

C
R

M C D O N N E L L D O U G L A S C O R F P and P

IV. TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN THE APPROPRIATE BOXES. REFER TO INSTRUCTIONS)

A. HAZARDOUS WASTE ACTIVITY

B. USED OIL FUEL ACTIVITIES

- ☒ 1a. GENERATOR ☐ 1b. LESS THAN 1,000 KG./MO.
☒ 2. TRANSPORTER
☒ 3. TREATER/STORER/DISPOSER
☐ 4. UNDERGROUND INJECTION
☒ 5. MARKET OR BURN HAZARDOUS WASTE FUEL (enter 'X' & mark appropriate boxes below)
☒ A. GENERATOR MARKETING TO BURNER
☐ B. OTHER MARKETER ☐ C. BURNER

- ☐ 6. OFF-SPECIFICATION USED OIL FUEL
(enter 'X' & mark appropriate boxes below)
☐ a. GENERATOR MARKETING TO BURNER
☐ b. OTHER MARKETER
☐ c. BURNER
☐ 7. SPECIFICATION USED OIL FUEL MARKETER (OR ON-SITE BURNER)
WHO FIRST CLAIMS THE OIL MEETS THE SPECIFICATION

VII. WASTE FUEL BURNING: TYPE OF COMBUSTION DEVICE

(Enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices)

☐ A. UTILITY BOILER ☐ B. INDUSTRIAL BOILER ☐ C. INDUSTRIAL FURNACE

VIII. MODE OF TRANSPORTATION (TRANSPORTERS ONLY-ENTER 'X' IN THE APPROPRIATE BOX(ES))

☐ A. AIR ☐ B. RAIL ☒ C. HIGHWAY ☐ D. WATER ☐ E. OTHER (SPECIFY)

IX. FIRST OR SUBSEQUENT NOTIFICATION

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☐ A. FIRST NOTIFICATION ☒ B. SUBSEQUENT NOTIFICATION (COMPLETE ITEM C)

C. INSTALLATION'S EPA I.D. NUMBER

M O D 0 0 0 8 1 8 9 6 3

ID - FOR OFFICIAL USE ONLY

C
WT/A
C
1

X. DESCRIPTION OF HAZARDOUS WASTE

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WASTE I.D. NO.	F	0	0	9															
AMOUNT AND FREQUENCY	200 lbs.				B	lbs.					lbs.					lbs.			

B. Wastes from Specific Sources (K-List). Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.																			
AMOUNT AND FREQUENCY	lbs.					lbs.					lbs.					lbs.			

C. Commercial Chemical Product Wastes (W and P Lists). Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be hazardous waste. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.	P	0	3	0	P	1	0	6											
AMOUNT AND FREQUENCY	10 lbs.				B	10 lbs.				B	lbs.					lbs.			

D. (Reserved)

E. Characteristics of Nonlisted Hazardous Wastes. Mark an 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24) Below each box that you check, enter the monthly generation amount expressed in pounds and generation frequency code A, B, or C.

AMOUNT AND FREQUENCY	1. IGNITABLE (D001)				2. CORROSIVE (D002)				3. REACTIVE (D003)							
	lbs.				lbs.				lbs.							
AMOUNT AND FREQUENCY	4. TOXIC Enter the four-digit number which identifies each characteristic toxic waste. Below each number, enter the monthly generation amount and frequency.															
	<input checked="" type="checkbox"/> D 0 0 2 D 0 0 8 3000 lbs. A				<input type="checkbox"/> D 0 0 2 D 0 0 6 D 0 0 7 2000 lbs. A				<input type="checkbox"/> D 0 0 2 D 0 0 7 D 0 0 8 10,000 lbs.				<input type="checkbox"/> D 0 0 2 D 0 0 6 D 0 0 8 250 lbs. A			

MISSOURI REQUIRED INFORMATION

MISSOURI GENERATOR ID NUMBER (IF PREVIOUSLY ASSIGNED) 01001

PRINCIPAL BUSINESS ACTIVITY

S.I.C. CODE (LEAVE BLANK IF UNCERTAIN)

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SIGNATURE

NAME AND OFFICIAL TITLE (TYPE OR PRINT)

DATE

Robert H. Kaatman

Robert H. Kaatman, Mgr.

26 Sep 90



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT PROGRAM
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

SEND TO

MISSOURI DEPARTMENT OF NATURAL RESOURCES, WASTE MANAGEMENT PROGRAM
P.O. BOX 176, JEFFERSON CITY, MO 65102

FOR OFFICIAL USE ONLY

COMMENTS

C
C

INSTALLATION'S EPA ID NUMBER

APPROVED

DATE RECEIVED
YR. MO. DAY

C
F

T/A C
1

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX NUMBER

C
3

CITY OR TOWN

STATE

ZIP CODE

C
4

III. LOCATION OF INSTALLATION

STREET AND NUMBER

C
5

CITY OR TOWN

STATE

ZIP CODE

C
6

IV. INSTALLATION CONTACT

NAME AND TITLE (LAST, FIRST, AND JOB TITLE)

TELEPHONE NUMBER

C
2

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

B. TYPE OF OWNERSHIP (ENTER CODE)

C
R

IV. TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN THE APPROPRIATE BOXES. REFER TO INSTRUCTIONS)

A. HAZARDOUS WASTE ACTIVITY

B. USED OIL FUEL ACTIVITIES

- ☐ 1a. GENERATOR ☐ 1b. LESS THAN 1,000 KG./MO.
☐ 2. TRANSPORTER
☐ 3. TREATER/STORER/DISPOSER
☐ 4. UNDERGROUND INJECTION
☐ 5. MARKET OR BURN HAZARDOUS WASTE FUEL (enter 'X' & mark appropriate boxes below)
☐ A. GENERATOR MARKETING TO BURNER
☐ B. OTHER MARKETER ☐ C. BURNER

- ☐ 6. OFF-SPECIFICATION USED OIL FUEL
(enter 'X' & mark appropriate boxes below)
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☐ b. OTHER MARKETER
☐ c. BURNER
☐ 7. SPECIFICATION USED OIL FUEL MARKETER (OR ON-SITE BURNER)
WHO FIRST CLAIMS THE OIL MEETS THE SPECIFICATION

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(Enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices)

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VIII. MODE OF TRANSPORTATION (TRANSPORTERS ONLY-ENTER 'X' IN THE APPROPRIATE BOX(ES))

- ☐ A. AIR ☐ B. RAIL ☐ C. HIGHWAY ☐ D. WATER ☐ E. OTHER (SPECIFY)

IX. FIRST OR SUBSEQUENT NOTIFICATION

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- ☐ A. FIRST NOTIFICATION ☐ B. SUBSEQUENT NOTIFICATION (COMPLETE ITEM C)

C. INSTALLATION'S EPA I.D. NUMBER

	ID - FOR OFFICIAL USE ONLY
<div style="display: flex; justify-content: space-between;"> $\frac{C}{W}$ $\frac{T/A}{C-1}$ </div>	

X. DESCRIPTION OF HAZARDOUS WASTE

A. Wastes from Nonspecific Sources (F-List). Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Below each number, enter monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
AMOUNT AND FREQUENCY	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>

B. Wastes from Specific Sources (K-List). Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
AMOUNT AND FREQUENCY	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>

C. Commercial Chemical Product Wastes (W and P Lists). Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be hazardous waste. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>
AMOUNT AND FREQUENCY	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>

D. (Reserved)

E. Characteristics of Nonlisted Hazardous Wastes. Mark an 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24) Below each box that you check, enter the monthly generation amount expressed in pounds and generation frequency code A, B, or C.

AMOUNT AND FREQUENCY	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> 1. IGNITABLE (D001) </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> 2. CORROSIVE (D002) </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> 3. REACTIVE (D003) </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> lbs. </div>
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AMOUNT AND FREQUENCY	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> 4. TOXIC Enter the four-digit number which identifies each characteristic toxic waste. Below each number, enter the monthly generation amount and frequency. </div>	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; width: 10px; height: 10px; text-align: center; line-height: 10px;">X</div> 0002 </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> 3350 lbs. A </div> </div>	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> <div style="display: flex; justify-content: space-between;"> 0006 0008 </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> 90 lbs. B </div> </div>	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> <div style="display: flex; justify-content: space-between;"> 0002 0006 </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> 120 lbs. B </div> </div>	<div style="border: 1px solid black; padding: 2px; font-size: 0.8em;"> <div style="display: flex; justify-content: space-between;"> 0002 0006 </div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> 130,000 lbs. A </div> </div>
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MISSOURI REQUIRED INFORMATION

MISSOURI GENERATOR ID NUMBER (IF PREVIOUSLY ASSIGNED) 01001

PRINCIPAL BUSINESS ACTIVITY

S.I.C. CODE (LEAVE BLANK IF UNCERTAIN)

CHECK THIS BOX IF YOU GENERATE/ACCUMULATE LESS THAN A REPORTABLE QUANTITY ☐

XI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE <div style="border: 1px solid black; width: 100%; height: 40px; margin-top: 5px;"></div>	NAME AND OFFICIAL TITLE (TYPE OR PRINT) <div style="border: 1px solid black; width: 100%; height: 40px; margin-top: 5px;"></div>	DATE <div style="border: 1px solid black; width: 100%; height: 40px; margin-top: 5px;"></div>
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT PROGRAM
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

SEND TO

MISSOURI DEPARTMENT OF NATURAL RESOURCES, WASTE MANAGEMENT PROGRAM
P.O. BOX 176, JEFFERSON CITY, MO 65102

FOR OFFICIAL USE ONLY

COMMENTS

C
C

INSTALLATION'S EPA ID NUMBER

APPROVED

DATE RECEIVED
YR. MO. DAY

C
F

T/A C
1

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX NUMBER

C
3

CITY OR TOWN

STATE

ZIP CODE

C
4

III. LOCATION OF INSTALLATION

STREET AND NUMBER

C
5

CITY OR TOWN

STATE

ZIP CODE

C
6

IV. INSTALLATION CONTACT

NAME AND TITLE (LAST, FIRST, AND JOB TITLE)

TELEPHONE NUMBER

C
2

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

B. TYPE OF OWNERSHIP (ENTER CODE)

C
R

IV. TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN THE APPROPRIATE BOXES. REFER TO INSTRUCTIONS)

A. HAZARDOUS WASTE ACTIVITY

- ☐ 1a. GENERATOR ☐ 1b. LESS THAN 1,000 KG./MO.
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☐ A. GENERATOR MARKETING TO BURNER
☐ B. OTHER MARKETER ☐ C. BURNER

B. USED OIL FUEL ACTIVITIES

- ☐ 6. OFF-SPECIFICATION USED OIL FUEL
(enter 'X' & mark appropriate boxes below)
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☐ b. OTHER MARKETER
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- ☐ A. AIR ☐ B. RAIL ☐ C. HIGHWAY ☐ D. WATER ☐ E. OTHER (SPECIFY)

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- ☐ A. FIRST NOTIFICATION ☐ B. SUBSEQUENT NOTIFICATION (COMPLETE ITEM C)

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ID - FOR OFFICIAL USE ONLY

C
WT/A
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WASTE I.D. NO.

AMOUNT AND
FREQUENCY

lbs.

lbs.

lbs.

lbs.

B. Wastes from Specific Sources (K-List). Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

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AMOUNT AND
FREQUENCY

lbs.

lbs.

lbs.

lbs.

C. Commercial Chemical Product Wastes (W and P Lists). Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be hazardous waste. Below each number, enter the monthly generation amount in pounds and frequency code A, B, or C.

WASTE I.D. NO.

AMOUNT AND
FREQUENCY

lbs.

lbs.

lbs.

lbs.

D. (Reserved)

E. Characteristics of Nonlisted Hazardous Wastes. Mark an 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24) Below each box that you check, enter the monthly generation amount expressed in pounds and generation frequency code A, B, or C.

AMOUNT AND
FREQUENCY1. IGNITABLE
(D001)

lbs.

2. CORROSIVE
(D002)

lbs.

3. REACTIVE
(D003)

lbs.

4. TOXIC Enter the four-digit number which identifies each characteristic toxic waste. Below each number, enter the monthly generation amount and frequency.

X

AMOUNT AND
FREQUENCYD002 D003 D004
D006 D010

264,000 lbs. A

D002 D004 D006
D007 D008 D010

290 lbs. B

D002 D007
D008 D010

10,700 lbs. A

D002 D004
D007 D008

4800 lbs. A

MISSOURI REQUIRED INFORMATION

MISSOURI GENERATOR ID NUMBER (IF PREVIOUSLY ASSIGNED) 01001

PRINCIPAL BUSINESS ACTIVITY

S.I.C. CODE (LEAVE BLANK IF UNCERTAIN)

CHECK THIS BOX IF YOU GENERATE/ACCUMULATE LESS THAN A REPORTABLE QUANTITY



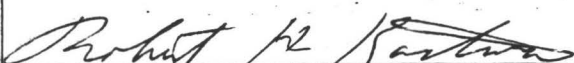
XI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

NAME AND OFFICIAL TITLE (TYPE OR PRINT)

DATE



Robert H. Kaatman, Mgr.

26 Sep 90



MISSOURI DEPARTMENT OF NATURAL RESOURCES
WASTE MANAGEMENT PROGRAM
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

SEND TO

MISSOURI DEPARTMENT OF NATURAL RESOURCES, WASTE MANAGEMENT PROGRAM
P.O. BOX 176, JEFFERSON CITY, MO 65102

FOR OFFICIAL USE ONLY

COMMENTS

C
C

INSTALLATION'S EPA ID NUMBER

APPROVED

DATE RECEIVED

YR. MO. DAY

C
F

T/A C
1

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX NUMBER

C
3

CITY OR TOWN

STATE

ZIP CODE

C
4

III. LOCATION OF INSTALLATION

STREET AND NUMBER

C
5

CITY OR TOWN

STATE

ZIP CODE

C
6

IV. INSTALLATION CONTACT

NAME AND TITLE (LAST, FIRST, AND JOB TITLE)

TELEPHONE NUMBER

C
2

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

B. TYPE OF OWNERSHIP (ENTER CODE)

C
R

IV. TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN THE APPROPRIATE BOXES. REFER TO INSTRUCTIONS)

A. HAZARDOUS WASTE ACTIVITY

- ☐ 1a. GENERATOR ☐ 1b. LESS THAN 1,000 KG./MO.
☐ 2. TRANSPORTER
☐ 3. TREATER/STORER/DISPOSER
☐ 4. UNDERGROUND INJECTION
☐ 5. MARKET OR BURN HAZARDOUS WASTE FUEL (enter 'X' & mark appropriate boxes below)
☐ A. GENERATOR MARKETING TO BURNER
☐ B. OTHER MARKETER ☐ C. BURNER

B. USED OIL FUEL ACTIVITIES

- ☐ 6. OFF-SPECIFICATION USED OIL FUEL
(enter 'X' & mark appropriate boxes below)
☐ a. GENERATOR MARKETING TO BURNER
☐ b. OTHER MARKETER
☐ c. BURNER
☐ 7. SPECIFICATION USED OIL FUEL MARKETER (OR ON-SITE BURNER)
WHO FIRST CLAIMS THE OIL MEETS THE SPECIFICATION

VII. WASTE FUEL BURNING: TYPE OF COMBUSTION DEVICE

(Enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices)

☐ A. UTILITY BOILER ☐ B. INDUSTRIAL BOILER ☐ C. INDUSTRIAL FURNACE

VIII. MODE OF TRANSPORTATION (TRANSPORTERS ONLY-ENTER 'X' IN THE APPROPRIATE BOX(ES))

☐ A. AIR ☐ B. RAIL ☐ C. HIGHWAY ☐ D. WATER ☐ E. OTHER (SPECIFY)

IX. FIRST OR SUBSEQUENT NOTIFICATION

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☐ A. FIRST NOTIFICATION ☐ B. SUBSEQUENT NOTIFICATION (COMPLETE ITEM C)

C. INSTALLATION'S EPA I.D. NUMBER

TABLE C-1

PARAMETERS AND TEST METHODS

PARAMETER	TEST METHOD	REFERENCE
1. pH	Electrometric	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (9040)
2. Flash Point	Pensky-Martens closed-cap tester	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (1010)
3. TCLP	TCLP	40 CFR 261 Appendix II
4. EP Toxicity	EP Toxicity	40 CFR 261 Appendix II
5. Reactivity (cyanide)	Titration/colorimetric	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (7.3.3)
6. Reactivity (sulfide)	Distillation	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (7.3.4)
7. Arsenic	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
8. Barium	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
9. Cadmium	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
10. Chromium (VI)	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
11. Lead	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
12. Mercury	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
13. Selenium	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)

TABLE C-1
 PARAMETERS AND TEST METHODS

PARAMETER	TEST METHOD	REFERENCE
14. Silver	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
15. Specific gravity	Hydrometer/pycnometer	ASTM-D 891-86
16. Volatiles	Ignition	Standard Methods 254 OE
17. Total halogen	Titration	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (9020)
18. Sulfuric acid	Ion chromatography	Standard Methods 4110 B
19. Hydrofluoric acid	Ion chromatography	Standard Methods 4110 B
20. Nitric acid	Ion chromatography	Standard Methods 4110 B
21. Hydrochloric acid	Ion chromatography	Standard Methods 4110 B
22. Phosphoric acid	Ion chromatography	Standard Methods 4110 B
23. Ferric chloride	Atomic absorption	Test Methods for Evaluating Solid Waste - Physical/Chemical Methods (SW-846), U.S. EPA, 1986 (6010)
24. Nitrite/nitrate	Colorimetric/spectrophotometer	Standard Methods 4110 B/4500
25. Residue at 105°C	Evaporation/ignition	Standard Methods 254 OB

TABLE C-2
METHODS USED TO SAMPLE HAZARDOUS WASTES
AND
PARAMETERS FOR FINGERPRINT ANALYSIS

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
001	Waste acid solution from titanium metal surface cleaning (nitric and chromic acid)	D002, D007, D010	pH; specific gravity; inorganic nitrates; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
003	Waste acid solution from oxide removal on aluminum and titanium surfaces (nitric acid, potassium dichromate, potassium nitrate, sodium bifluoride)	D002, D007, D008	pH; specific gravity; inorganic nitrates; inorganic fluorides; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

TABLE C-2

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
005	Waste acid solution from removal of excess paint from part racks (chromic acid and phosphoric acid)	D002, D007, D008	pH; specific gravity; % chromic acid; inorganic phosphates	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
008	Waste acid solution from a chemical conversion coating process of aluminum and titanium surfaces (chromic acid, fluorides, ferricyanide)	D002, D007	pH; specific gravity; % chromic acid; inorganic fluorides; reactivity (ferricyanide)	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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TABLE C-2

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
009	Waste acid and chlorinated solvent solution from a coating removal operation (methylene chloride, formic acid, phenol)	D002, F002	pH; specific gravity; phenol; organic chlorides	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
010	Waste acid solution from aluminum metal surface cleaning (sulfuric acid, sodium dichromate)	D002, D008	pH; specific gravity; inorganic sulfates; % chromic acid	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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TABLE C-2

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
012	Waste acid solution from cleaning and pickling aluminum and titanium (nitric and hydrofluoric acid)	D002, D006, D007, D008	pH; specific gravity; inorganic nitrates; inorganic fluorides; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
013	Waste acid solution from chromic acid anodizing of aluminum and titanium (chromic acid, ferric nitrate, potassium fluoride)	D002, D007	pH; specific gravity; inorganic fluorides; % chromic acid; ferric nitrate	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

*Only if solution is yellow in appearance

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TABLE C-2

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
014	Waste acid solution from an aluminum hard coating operation (sulfuric and oxalic acid)	D002, D007, D008	pH; specific gravity; inorganic sulfates; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
016	Waste acid from stainless steel pickle or pretreatment (hydrochloric acid)	D002, D006	pH; specific gravity; inorganic chlorides; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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TABLE C-2

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
021	Waste acid from a stainless steel cleaning process (hydrofluoric and sulfuric acid)	D002	pH; specific gravity; inorganic sulfates; inorganic chlorides; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
022	Waste acid solution and sludge from various metal etching and cleaning (nitric, chromic, and hydrofluoric acid)	D002, D005, D007	pH; specific gravity; inorganic nitrates; inorganic fluorides; % chromic acid	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
023	Waste acid solution from metal surface passivation (nitric acid)	D002, D007	pH; specific gravity; inorganic nitrates; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
024	Waste alkaline solution from stripping of chromium plating (sodium hydroxide, sodium carbonate, sodium phosphate, chromium)	D002, D006, D007, D008	pH; specific gravity; % sodium; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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025	Waste alkaline solution derust cleaning of metal parts (sodium hydroxide, triethanolamine, sodium gluconate, kerosene)	D002, D007	pH; specific gravity; % sodium; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
026	Waste alkaline solution from cadmium cyanide plating operation (sodium cyanide, sodium hydroxide, cadmium oxide, sodium carbonate)	D002, D003	pH; specific gravity; % sodium; cyanide	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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TABLE C-2

<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
028	Waste potassium dichromate solution from anodize sealing	D007	pH; specific gravity; % potassium dichromate	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
029	Waste alkaline cleaning solution from cleaning aluminum (sodium tripolyphosphate, sodium borate, sodium nitrate, sodium chromate)	D002, D007, D008	pH; specific gravity; % alkalinity; *hexavalent chrome	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
031	Waste ferric chloride solution from metal etching	D002	pH; specific gravity; % ferric chloride; total chromium	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
035	Waste alkaline solution from aluminum chemical milling	D002, D003, D004 D010	pH; specific gravity; % sodium; sulfides	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
036	Sludge from industrial waste water pretreatment plant	F006, F019	pH; specific gravity; residue at 105C	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Page 11</u>	Composite sample using a Trier scoop from six points in a nine cubic yard container	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
037	Water-emulsified cutting oil from cutting and machining aluminum, titanium, and ferrous-base metals and alloys	Waste oil	pH; specific gravity; arsenic; lead; cadmium; total chromium	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
042	Waste jet fuel contaminated with water	D001	Flash point; specific gravity	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a com- posite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
043	Mixed flam- mable solvents	F003, F005, D001, D007, D008, D035	Flash point; specific gravity	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a com- posite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
038	Solid hazardous waste from aircraft painting and servicing	DU07	TCLP (chromium, lead)	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 12 and 13</u>	Composite sample using a scoop from containers of solid waste	40 CFR 261 Appendix II
040	Waste paint sludge from aircraft and building maintenance	DU01, DU07	TCLP (chromium); flash point	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 12 and 13</u>	Composite sample using a scoop from waterfalls in paint booths	40 CFR 261 Appendix II and <u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
041	Waste chlorinated solvents from metal cleaning and degreasing operations and paint stripping	F001, F002 D040	Flash point; specific gravity	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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<u>WASTE STREAM NUMBER</u>	<u>HAZARDOUS WASTE</u>	<u>EPA WASTE IDENTIFICATION NUMBER</u>	<u>FINGERPRINT ANALYSIS</u>	<u>SAMPLING METHOD</u>	<u>DESCRIPTION OF SAMPLING</u>	<u>REFERENCE FOR SAMPLER</u>
044	Waste hydraulic and motor oil	Waste oil	PCB; chlorine	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a com- posite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
045	Mixed flammable/ chlorinated solvents	F002, D001, D007, D008	Flash point; specific gravity	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a com- posite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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053	Waste sodium bicarbonate used to neutralize an acid spill	D002, D006, D007	pH	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 12 and 13</u>	Composite sample using a scoop	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
069	Plating solution for ferrous and non-ferrous alloys (nickel sulfamate, boric acid)	D002	pH	<u>Samplers and Sampling Procedures for Hazardous Waste Streams, EPA-600/2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coliwasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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070	Phosphatizing of ferrous metal (phosphoric acid)	D002, D006, D008	pH; specific gravity; inor- ganic phosphates	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
075	Mold material for die-casting metals (sodium nitrate)	D002	pH; specific gravity; nitrate/ nitrite	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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082	Mixed acids (nitric acid, hydrofluoric acid, sulfuric acid, hydro- chloric acid, phosphoric acid, chromic acid)	D002	pH; specific gravity; inor- ganic sulfates; inorganic nitrates; inor- ganic chlorides; inorganic fluor- ides; inorganic phosphates; % chromic acid	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
091	Miscellaneous acid sludges	D002	pH	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank, using a Trier scoop	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>
092	Miscellaneous acid sludges	D002, D007	pH	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or tank, using a Trier scoop	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

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097	Waste cyanide solution from gold etching	F009	pH; cyanide	<u>Samplers and Sampling Pro- cedures for Hazardous Waste Streams, EPA-600/ 2-80-018, Pages 36 and 38</u>	A representative sample from a drum or a tank less than four feet deep using a coli- wasa, or a composite sample from a tank deeper than four feet using a weighted bottle to grab samples at the top, middle, and bottom of the tank	<u>Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, EPA-SW-846</u>

INSPECTOR.....

INSPECTION DATE(DDMMYY)

PLEASE CROSS OUT ANY INCORRECT INFORMATION AND WRITE IN CORRECTIONS.
OF PARTICULAR INTEREST ARE THE PROCESS CODES

EPA ID NUM: MOD000818963
FAC NAME: MCDONNELL AIRCRAFT CO TRACT I
CONTACT NAME: PATTERSON JEROME SUPERVIS
FAC STREET: MCDONNELL BLVD AT LINDBERGH
FAC CITY: HAZELWOOD
FAC STATE: MO
FAC ZIP CODE: 63042
PERMIT STATUS (C1105): PERMIT ISSUED
TSD UNIVERSE CLASSIFICATION (C305): TREATMENT/STORAGE
FACILITY ACTIVITIES: TRAN.TSD. GEN(>1000 KG/MO)

FAC PHONE: 3142323319
OPERATOR NAME: MCDONNELL AIRCRAFT COMPANY
MAIL STREET: P.O. BOX 516 ~~DEPT. 191C~~ Chg
MAIL CITY: ST LOUIS
MAIL STATE: MO
MAIL ZIP CODE: 63166

ADD → BURNER

PROCESS - DESIGN CAPACITY - UNITS - VERIFICATION
CODE CODE CODE

#S01- 67920.000 -G U #S02- 160000.000 -G U #S03- - U

-*WASTE CODE - QUANTITY OF WASTE IN 1000 KILOGRAM/YR - CODES FOR PROCEES USED TO HANDLE WASTE-

*D001- 664.070	-S01, S02,	*D002- 2028.499	-S02,	*D003-	-S03,
*D004-	- ,	*D006-	- ,	*D007-	- ,
*D008-	- ,	*D009-	- ,	*D010-	- ,
*F001-	- ,	*F002-	- ,	*F003-	- ,
*F005- OK	- ,	*F006- 5196.442	-S02,	*F009-	- ,
*F019-	- ,	*P030-	- ,	*P106-	- ,
*U122-	- ,	*U188-	- ,	*U223-	- ,
*U226-	- ,				

no process codes given
Submitted notification +
waste analysis plans
only.

ADD
D040
D035